

Abstract

Disclosed are a waveguide type signal attenuator for attenuating an input signal as desired and a waveguide type signal terminator for making an input signal be
5 utterly disappeared, where a manufacturing-easy resistor sheet is inserted into the center area, along which a traveling electromagnetic wave has the maximum intensity, of the signal attenuator and the signal terminator. In the signal terminator and the signal attenuator, a predetermined part of the waveguide which is formed in a lower conductive plate is expanded out along
10 the half-height plane of the waveguide to form a resistor sheet setting groove and a portion of the elongated cavity positioned behind the resistor sheet setting groove forms a lower half of the waveguide. In addition, a resistor sheet is inserted between the resistor sheet setting groove and a protrusion part which protrudes from an upper conductive plate, of the half-height of the waveguide
15 holds the resistor sheet to form an upper half portion of the waveguide. That is, the resistor sheet installed in the center area of the waveguide can give the desired attenuation or termination of an input signal.